



Control Number: 50595



Item Number: 68

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Public Utility Commission of Texas

Employee Training Report Required by 16 Texas Admin. Code § 25.97(d)

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FILING CLERK

PROJECT NO. 49827 Docket # 50595

AFFECTED ENTITY: San Miguel Electric Cooperative, Inc.

General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

WFO

1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

Summary of TEC Safety Meeting Webinar HB4150 Training (2-4 hour course)

Course Outline:

1. HB 4150 Review
2. Hazard Recognition
3. NESC Clearance Guideline Requirements

Course Materials:

1. Power Point Presentation
2. Presentation Material Handouts
3. NESC Clearance Handouts
4. HB 4150 Law

Summary of Hazardous Recognition Training for Transmission Facilities (1-hour course)

Course Outline:

1. Definition of a Hazard
2. Hazards to Report
 - a. Non-compliance with NESC
 - b. Failed System Components
 - c. Failure of Warning Lights/Marker Balls
3. Summary of Clearances for Transmission Facilities
4. Recognition of Changes in Conductor Sag for Long Spans
5. Activities near the Line
 - a. Grading
 - b. Crane Operation OSHA 1926.1408(a)
 - c. Scaffold Clearances OSHA 1926.451(f)
 - d. Construction of Adjacent Buildings/Signs
6. Right-of-way Issues
 - a. Danger Trees
 - b. Dead Trees
 - c. Erosion of the Right-of-Way
7. Priorities of Reported Issues
8. Record Keeping Requirements

Objectives:

1. Define hazards associated with transmission lines.
2. Identify appropriate distance for cranes from power lines
3. Identify required clearances for transmission line related to roads and buildings.
4. Define a danger tree.

2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

Employees of San Miguel Electric Cooperative do not construct electric transmission lines or distribution lines. However, the following training is provided.

Summary of TEC Safety Meeting Webinar HB4150 Training (2-4 hour course)

Course Outline:

1. HB 4150 Review
2. Hazard Recognition
3. NESC Clearance Guideline Requirements

Course Materials:

1. Power Point Presentation
2. Presentation Material Handouts
3. NESC Clearance Handouts
4. HB 4150 Law

Summary of Transmission Webinar for PURA §38.102 (1-hour course)

Course Outline:

1. Maximum Operating Temperature and Sag Requirements for Transmission Conductors
2. Additional Ground Clearance Requirements for Transmission Lines
 - a. Maximum Operating Voltage
 - b. Elevation above Sea Level
 - c. Electrostatic Effects to Vehicles below the Line.
3. Additional Clearances from Building/Signs
 - a. Deflection of Insulators
 - b. Deflection of Structures
 - c. Clearance Based on Maximum Operating Voltage
 - d. Limited Electrostatic Effects to Buildings and Signs below the Line
4. Mid-span Conductor Clearances
5. Power Lines and Phone Lines Crossing below Transmission Lines
6. Grade of Construction for Voltages Over 22kV
 - a. Guying Strength Requirements
 - b. Under-build Strength Requirements
7. Identification of Climvable Supporting Structures

Objectives:

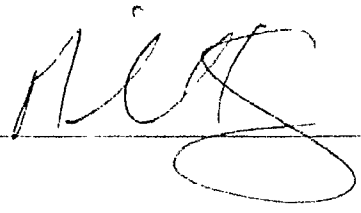
1. Determine appropriate clearances for transmission lines
2. Define maximum sag for determined clearances.
3. Identify strength requirements for transmission facilities

Affected Entity: San Miguel Electric Cooperative, Inc.

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AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

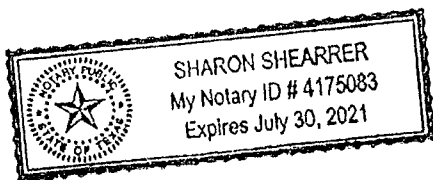

Signature

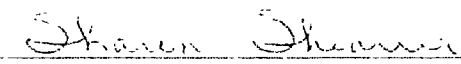
Mike Kezar
Printed Name

General Manager
Job Title

San Miguel Electric Cooperative, Inc
Name of Affected Entity

Sworn and subscribed before me this 16th day of April, 2020.
Month Year




Notary Public in and For the State of Texas
My commission expires on Jul, 30, 2021